# Appendix C DMA Crosswalk

#### Instructions for Using the Plan Review Crosswalk for Review of Local Mitigation Plans

Attached is a Plan Review Crosswalk based on the *Multi-Hazard Mitigation Planning Guidance Under the Disaster Mitigation Act of 2000*, published by FEMA, dated March 2004. This Plan Review Crosswalk is consistent with 44 CFR Part 201 – Mitigation Planning, Interim Final Rule (the Rule), in accordance with the Stafford Act (42 U.S.C. 5165), and 44 CFR Part 78.5 – Flood Mitigation Plan Development, in accordance with the National Flood Insurance Act of 1968 (42 U.S.C. 4104c et seg).

#### **SCORING SYSTEM**

- N Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.
- S Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Each requirement includes separate elements. All elements of a requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a summary score of "Satisfactory." A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing.

When reviewing single jurisdiction plans, reviewers may want to put an N/A in the boxes for multi-jurisdictional plan requirements. When reviewing multi-jurisdictional plans, reviewers may want to put an N/A in the prerequisite box for single jurisdiction plans.

States that have additional requirements can add them in the appropriate sections of the *Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

Optional matrices for assisting in the review of sections on profiling hazards, assessing vulnerability, and identifying and analyzing mitigation actions are found at the end of the Plan Review Crosswalk.

The example below illustrates how to fill in the Plan Review Crosswalk.

<b>Local Mitigation Plan Review and Approval Statu</b>	S
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Jurisdiction:	little of Plan: County-w		Date of Plan: Adopted by Lake County in
Lake County, Illinois	Mitigation Plan for Lake	County, Illinois	August 2006
Local Point of Contact: Sara Agahi		Address: 333-B Peterso	n Road
		Libertyville, Illi	nois 60048
Title: Watershed Planner			
Agency: Lake County Stormwater Management Co	ommission		
Phone Number: 847/918-5272			State
Phone Number: 847/918-5272		E-Mail: sagahi@co.lake.	II.US
Phone Number: 847/918-5272		<b>E-Mail:</b> sagahi@co.lake.	II.us
Phone Number: 847/918-5272		E-Mail: sagahi@co.lake.	II.US
Phone Number: 847/918-5272  State Reviewer:	Title:	E-Mail: sagahi@co.lake.	Date:
	Title:	E-Mail: sagahi@co.lake.	

FEMA Reviewer:	Title:	Date:
Date Received in FEMA Region [Insert #]		
Plan Not Approved		
Plan Approved		
Date Approved		

		Status*		
Jurisdiction:	Υ	N	N/A	CRS Class
1. Village of Antioch	Χ			
2.Village of Bannockburn	Χ			
3.Village of Barrington	Χ			
4.Village of Barrington Hills	Χ			
5.Village of Beach Park	Χ			
6.Village of Buffalo Grove	Х			

			1	
7. Village of Deer Park	Х			
8. Village of Deerfield	Х			8
9. Village of Fox Lake	Х			
10. Village of Fox River Grove	Х			
11. Village of Grayslake	Х			
12.Village of Green Oaks	Х			
13. Village of Gurnee	Х			
14. Village of Hainesville	Х			
15.Village of Hawthorn Woods	Х			
16. City of Highland Park	Х			
17.City of Highwood		X		
18. Village of Island Lake	Х			
19. Village of Kildeer	Х			
20. Village of Lake Barrington	Х			
21. Village of Lake Bluff	Х			
22. City of Lake Forest	Х			
23. Village of Lake Villa	Х			
24. Village of Lake Zurich	Х			
25. Village of Lakemoor	Х			
26. Village of Libertyville	Х			
27. Village of Lincolnshire	Х			
28. Village of Lindenhurst	X			

		ı	1	
29. Village of Long Grove	X			
30. Village of Mundelein	X			
31. Village of North Barrington	Х			
32. City of Park City	Х			
33.Village of Port Barrington	Х			
34. Village of Riverwoods	Х			
35. Village of Round Lake	Х			
36. Village of Round Lake Beach	Х			
37. Village of Round Lake Heights	Х			
38. Village of Round Lake Park	Х			
39. Village of Third Lake	Χ			
40. Village of Vernon Hills	Х			
41. Village of Wadsworth	Χ			
42. Village of Wauconda	Χ			
43. City of Waukegan	Χ			
44. City of Zion	Х			
45. Lake County	Х			

\* Notes:

Y = Participating

N = Not Participating

N/A = Not Mapped

LOCAL	MITIGATIO	N PIAN	RFVIFW	SUMMARY

The plan cannot be approved if the plan has not been formally adopted.

Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a "Needs Improvement" score.

#### SCORING SYSTEM

Please check one of the following for each requirement.

- **N Needs Improvement:** The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.
- S Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Prerequisite(s) (Check Applicable Box)	STAFF	ORD	FM.	<u> </u>
	NOT MET	MET	NOT MET	MET
Adoption by the Local Governing Body: §201.6(c)(5) and §78.5(f)		=		_
OR				
Multi-Jurisdictional Plan Adoption: §201.6(c)(5) and and §78.5(f) <b>AND</b> Multi-Jurisdictional Planning Participation: §201.6(a)(3) and and §78.5(a)				
Planning Process	N	S	N	S
Documentation of the Planning Process: §201.6(b) and §201.6(c)(1) and §78.5(a)				
Risk Assessment	N	s	N	S
Identifying Hazards: §201.6(c)(2)(i) and §78.5(b)				
Profiling Hazards: §201.6(c)(2)(i) and §78.5(b)				
Assessing Vulnerability: Overview: §201.6(c)(2)(ii) and §78.5(b)				
Assessing Vulnerability: Identifying Structures: §201.6(c)(2)(ii)(A) and §78.5(b)				
Assessing Vulnerability: Estimating Potential Losses: §201.6(c)(2)(ii)(B)				
Assessing Vulnerability: Analyzing Development Trends: §201.6(c)(2)(ii)(C)				
Multi-Jurisdictional Risk Assessment: §201.6(c)(2)(iii) and FEMA 299				

Mitigation Strategy **STAFFORD FMA** S Ν S Local Hazard Mitigation Goals: §201.6(c)(3)(i) and §78.5(c) Identification and Analysis of Mitigation Actions: §201.6(c)(3)(ii) and §78.5(d)

Implementation of Mitigation Actions: §201.6(c)(3)(iii) and §78.5(d) and (e) Multi-Jurisdictional Mitigation Actions: §201.6(c)(3)(iv) and FEMA 299

Plan Maintenance Process

Monitoring, Evaluating, and Updating the Plan: §201.6(c)(4)(i) and §78.5(e)

Incorporation into Existing Planning Mechanisms: §201.6(c)(4)(ii)

Continued Public Involvement: §201.6(c)(4)(iii)

Additional State Requirements\*

Insert State Requirement

Insert State Requirement

Insert State Requirement

STAF	<u>-ORD</u>	<u>FN</u>	<u>// A</u>
N	S	N	S

<b>STAFFORD</b>		<u>FN</u>	<u>IA</u>
N	S	N	S

LOCAL MITIGATION PLAN APPROVAL STATUS **STAFFORD FMA PLAN NOT APPROVED PLAN APPROVED** 

#### See Reviewer's Comments

<sup>\*</sup>States that have additional requirements can add them in the appropriate sections of the Multi-Hazard Mitigation Planning Guidance or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

# PREREQUISITE(S)

# Adoption by the Local Governing Body

- Multihazard Requirement §201.6(c)(5): [The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).
- FMA Requirement §78.5(f): Documentation of formal plan adoption by the legal entity submitting the plan (e.g., Governor, Mayor, County Executive).

				SCO	RE	
	Location in the		STAFF	ORD	FN	1A
Element	Plan (section or annex and page #)	Reviewer's Comments	NOT MET	MET	NOT MET	MET
A. Has the local governing body adopted the plan?	NA					
B. Is supporting documentation, such as a resolution, included?	NA					
		SUMMARY SCORE				

# Multi-Jurisdictional Plan Adoption

- Multihazard Requirement §201.6(c)(5): For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.
- FMA Requirement §78.5(f): Documentation of formal plan adoption by the legal entity submitting the plan (e.g., Governor, Mayor, County Executive).

				SCO	RE	
	Location in the		STAFF	ORD	FN	IA
Element	Plan (section or annex and page #)	Reviewer's Comments	NOT MET	MET	NOT MET	MET
A. Does the plan indicate the specific jurisdictions represented in the plan?	Acknowledgements Page 2.2. To be completed once the plan has been adopted.		X		Х	
B. For each jurisdiction, has the local governing body adopted the plan?	To be completed after FEMA Approval of Draft		Х		Х	
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	To be completed after FEMA Approval of Draft		Х		Х	
	_	SUMMARY SCORE	Χ		Х	

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# Multi-Jurisdictional Planning Participation

- Multihazard Requirement §201.6(a)(3): Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process ... Statewide plans will not be accepted as multi-jurisdictional plans.
- FMA Requirement §78.5(a): Description of the planning process and public involvement. Public involvement may include workshops, public meetings, or public hearings.

	Location in the			SC		CORE		
				STAFF	ORD	FN	/IA	
Element	Plan (section or annex and page #)	Reviewer's Comments		NOT MET	MET	NOT MET	MET	
A. Does the plan describe <b>how</b> each jurisdiction participated in the plan's development?	Section 2 and Appendixes G & J				Х		Х	
			SUMMARY SCORE		Х		Х	

#### PLANNING PROCESS:

# **Documentation of the Planning Process**

- Multihazard Requirement §201.6(b): An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:
  - (1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;
  - (2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and
  - (3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.
- Multihazard Requirement §201.6(c)(1): [The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.
- FMA Requirement §78.5(a): Description of the planning process and public involvement. Public involvement may include workshops, public meetings, or public hearings.

				SCO	RE	
	Location in the		STAFF	ORD	FN	MA
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan provide a narrative description of the process followed to prepare the plan?	Section 2			Х		Х

		alian in the		SCO	CORE	
	Location in the		STAFFORD		F۱	lΑ
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
B. Does the plan indicate who was involved in the planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)	Acknowledgements, Sections 2.1, 2.2, 2.3, and 2.4			X		Х
C. Does the plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Section 2.1			X		Х
D. Was there an opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Sections 2.1 and 2.2	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		X		Х
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Section 2.6 and Appendix I	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		Х		Х
		SUMMARY SCORE		Χ		Χ

RISK ASSESSMENT:  $\S 201.6(c)(2)$ : The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.

# **Identifying Hazards**

- Multihazard Requirement §201.6(c)(2)(i): [The risk assessment shall include a] description of the type ... of all natural hazards that can affect the jurisdiction.
- **FMA Requirement §78.5(b):** Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties, and the extent of flood depth and damage potential.

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	Location in the			SCC	)RE	
	Plan (section or		STAI	FORD	FIV	1A
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan include <b>a description</b> of the types of <b>all natural hazards</b> that affect the jurisdiction?	Section 3.1					
If the hazard identification omits (without explanation) any hazards commonly recognized as threats to the jurisdiction, this part of the plan cannot receive a Satisfactory score.				Х		Х
Consult with the State Hazard Mitigation Officer to identify applicable hazards that may occur in the planning area.						
-	-	SUMMARY SCORI	·	Х		Χ

# **Profiling Hazards**

- Multihazard Requirement §201.6(c)(2)(i): [The risk assessment shall include a] description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.
- FMA Requirement §78.5(b): Description of the existing flood hazard and identification of the flood risk, ...., and the extent of flood depth and damage potential.

	l a a ati a ur i ur the a		SCORE			
	Location in the Plan (section or		STAFFORD		FM	1A
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the risk assessment identify the location (i.e., geographic area affected) of each natural hazard addressed in the plan?	Figures 3-1, 3-2, 3-3, 3-4, 3-5, 3-6, 3-7, 3-8, 3-15 through 3-30. Section 3.2.2 page 3-5; Section 3.4.2 page 3-31; Section 3.5.2 page 3-36; Section 3.6.2 page 3-38; Section 3.7.2 page 3-41; Section 3.8.2 table 3-15 page 3-46; Section 3.9.2 page 3-49; Section 3.10.2 page 3-51; Section 3.11.2 page 3-54; Section 3.12.2 page 3-57.			X		X

B. Does the risk assessment identify the <b>extent</b> (i.e., magnitude or severity) of each hazard addressed in the plan?	Sections 3.2.3, 3.3.3, 3.4.3, 3.5.3, 3.6.3, 3.7.3, 3.8.3, 3.9.3, 3.10.3, 3.11.3, 3.12.3, Figure 3-9, Appendix N.		х	Х
C. Does the plan provide information on <b>previous occurrences</b> of each hazard addressed in the plan?	Sections 3.2.4, 3.3.4, 3.4.4, 3.5.4, 3.6.4, 3.7.4, 3.8.4, 3.9.4, 3.10.4, 3.11.4, 3.12.4.		Х	Χ
D. Does the plan include the <b>probability of future events</b> (i.e., chance of occurrence) for each hazard addressed in the plan?	Sections 3.2.5, 3.3.5, 3.4.5, 3.5.5, 3.6.5, 3.7.5, 3.8.5, 3.9.5, 3.10.5, 3.11.5, 3.12.5.		Х	X
	SUMMARY SCO	RE	Х	Χ

# Assessing Vulnerability: Overview

• Multihazard Requirement \$201.6(c)(2)(ii): [The risk assessment shall include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.

• FMA Requirement §78.5(b): Description of the existing flood hazard and identification of the flood risk, ...., and the extent of flood depth and damage potential.

	Location in the			SCC	DRE	
	Location in the Plan (section or	STAFFORD		FN	1A	
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan include an <b>overall summary</b> description of the jurisdiction's <b>vulnerability</b> to each hazard?	Section 3.16, Table 3-29			Х		Х
B. Does the plan address the <b>impact</b> of each hazard on the jurisdiction?	Section 3.16, Tables 3-28, 3- 29, 3-30			Х		Х
		SUMMARY SCORE		Χ		Х

Assessing Vulnerability: Identifying Structures

- Multihazard Requirement §201.6(c)(2)(ii)(A): The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area ....
- FMA Requirement §78.5(b): Description of the existing flood hazard and identification of the flood risk, including estimates of the number and type of structures at risk, repetitive loss properties,....

	Location in the		SCORE		RE	
	Location in the Plan (section or		STA	FFORD	F۱	ΛA
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan describe vulnerability in terms of the	Floods-Sections	Note: A "Needs Improvement" score on this				_
types and numbers of existing buildings (including	3.2.6, 3.2.8, 3.2.9,	requirement will not preclude the Stafford plan from				
repetitive loss structures), infrastructure, and critical	3.15.1, Figures 3-	passing.				
facilities located in the identified hazard areas?	1, 3-13 and	puconigi				
	Figures 3-15					
	through 3-30,					
	Tables 3-1 to 3-9					
	Appendixes D, E,					
	K and P.					
	High Winds-		Х			Х
	Section 3.15.2		^			^
	Tornadoes-					
	Section 3.15.2					
	Severe					
	Thunderstorms-					
	Section 3.15.2 Hail-Section					
	3.15.2					
	Severe Winter					
	Storms-3.15.3					
B. Does the plan describe vulnerability in terms of the	Floods-Not	Note: A "Needs Improvement" score on this				
types and numbers of future buildings, infrastructure,	included	requirement will not preclude the plan from passing.				
and critical facilities located in the identified hazard	High Winds-Not	, , , , , ,				
areas?	included					
	Tornadoes-Not					
	included					
	Severe		Χ		Χ	
	Thunderstorms-					
	Not included					
	Hail-Not included					
	Severe Winter					
	Storms-Not					
	included					

SUMMARY SCORE	Х			Х
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# Assessing Vulnerability: Estimating Potential Losses

• Multihazard Requirement  $\S 201.6(c)(2)(ii)(B)$ : [The plan should describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate ....

				SCC	ORE	
	Location in the		STAF	FORD	FN	1A
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan estimate <b>potential dollar losses</b> to vulnerable structures?	Floods-Tables 3- 27 and 3-28, page 3-70; High Winds- Not included; Tornadoes-Not included; Severe Thunderstorms- Not included Hail-Not included; Severe Winter Storms – Section 3.15.3	Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.	X		Х	
B. Does the plan describe the <b>methodology</b> used to prepare the estimate?	Floods – Pages 3-63 thru 3-70; High Winds-Not included; Tornadoes-Not included; Severe Thunderstorms-Not included; Hail-Not included; Severe Winter Storms- Section 3.15.3	Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.	X		X	
		SUMMARY SCORE	Χ		Х	

# Assessing Vulnerability: Analyzing Development Trends

• Multihazard Requirement §201.6(c)(2)(ii)(C): [The plan should describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

	Location in the		SCOR		RE	
	Plan (section or		STAF	FORD	FN	ΛA
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan describe land uses and development trends?	Section 3.13, Appendix B, Figures 3-10 and 3-11	Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing.		Х		Х
		SUMMARY SCORE		Χ		Х

### Multi-Jurisdictional Risk Assessment

- Multihazard Requirement §201.6(c)(2)(iii): For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.
- **FMA FEMA 299 Guidance:** The Plan should be coordinated with, and ideally developed in cooperation with, all of the local jurisdictions within the geographical area.

				SCO	RE	
	Location in the		STAI	FFORD	F۱	ИΑ
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	Section 3.16, Tables 3-29 and 3-30	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		X		X
		SUMMARY SCORE		Χ		Х

MITIGATION STRATEGY: \$201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.

# **Local Hazard Mitigation Goals**

- Multihazard Requirement §201.6(c)(3)(i): [The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.
- **FMA Requirement §78.5(c):** The applicant's floodplain management goals for the area covered by the plan.

	Location in the			SCC	ORE	
	Location in the		STAF	FORD	FN	/IA
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
A Does the plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards? (GOALS are long-term; represent what the community wants to achieve, such as "eliminate flood damage"; and are based on the risk assessment findings.)	Section 5.1			Х		x
		SUMMARY SCORE		Χ		Х

# Identification and Analysis of Mitigation Actions

- Multihazard Requirement §201.6(c)(3)(ii): [The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.
- FMA Requirement §78.5(d): Identification and evaluation of cost-effective and technically feasible mitigation actions considered.

				SCO	RE	
	Location in the		STAFF	ORD	F۱	ΛA
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan identify and analyze a <b>comprehensive range</b> of specific mitigation actions and projects for each hazard?	Section 5.2, Appendix O			х		Х
B Do the identified actions and projects address reducing the effects of hazards on <b>new</b> buildings and infrastructure?	Appendixes Q and O	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		Х		Х

C. Do the identified actions and projects address reducing the effects of hazards on <b>existing</b> buildings and infrastructure?	Appendixes Q and O		Х	Х
		SUMMARY SCORE	Х	Х

# Implementation of Mitigation Actions

- Multihazard Requirement: §201.6(c)(3)(iii): [The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.
- FMA Requirement §78.5(d): Identification and evaluation of cost-effective and technically feasible mitigation actions considered; and

• **FMA Requirement §78.5(e):** Presentation of the strategy for reducing flood risks and continued compliance with the NFIP, and procedures for ensuring implementation, reviewing progress, and recommending revisions to the plan.

	Lagation in the			SCO	RE	
	Location in the Plan (section or		STAFF	ORD	FN	1A
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the mitigation strategy include how the actions are <b>prioritized</b> ? (For example, is there a discussion of the process and criteria used?)	Section6.1	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		Х		х
B. Does the mitigation strategy address how the actions will be <b>implemented and administered</b> ? (For example, does it identify the responsible department, existing and potential resources, and timeframe?)	Section 6.2			X		х
B.1. Does the mitigation strategy address continued compliance with the NFIP?	Sections 5.1, 6.1 and 6.2	Note: A "Needs Improvement" score on this requirement will not preclude the Stafford plan from passing.		X		Х
C. Does the prioritization process include an emphasis on the use of a <b>cost-benefit review</b> (see page 3-36 of <i>Multi-Hazard Mitigation Planning Guidance</i> ) to maximize benefits?	Section 6.3	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		Х		Х
C.1. Does the mitigation strategy emphasize cost- effective and technically feasible mitigation actions?	Section 6.1	Note: A "Needs Improvement" score on this requirement will not preclude the Stafford plan from passing.		Х		Х
·		SUMMARY SCORE		Χ		Χ

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# **Multi-Jurisdictional Mitigation Actions**

- Multihazard Requirement §201.6(c)(3)(iv): For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.
- **FMA FEMA 299 Guidance:** The Plan should be coordinated with, and ideally developed in cooperation with, all of the local jurisdictions within the geographical area.

	Location in the			SCC	ORE	
	Location in the Plan (section or		STAFF	ORD	FM	Α
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A Does the plan include at least one identifiable action item for each jurisdiction requesting FEMA approval of the plan?	Section 6.2 and Appendix Q			Х		Х
		SUMMARY SCORE		Х		Х

#### PLAN MAINTENANCE PROCESS

Monitoring, Evaluating, and Updating the Plan

- Multihazard Requirement §201.6(c)(4)(i): [The plan maintenance process shall include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.
- **FMA Requirement §78.5(e):** Presentation of the strategy for reducing flood risks and continued compliance with the NFIP, and procedures for ensuring implementation, reviewing progress, and recommending revisions to the plan.

	Location in the			DRE		
	Location in the Plan (section or		STAFF	ORD	F۱	/IA
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan describe the method and schedule for <b>monitoring</b> the plan? (For example, does it identify the party responsible for monitoring and include a schedule for reports, site visits, phone calls, and meetings?)	Section 7.2			X		х
B. Does the plan describe the method and schedule for <b>evaluating</b> the plan? (For example, does it identify the party responsible for evaluating the plan and include the criteria used to evaluate the plan?)	Section 7.3			Х		Х
C. Does the plan describe the method and schedule for <b>updating</b> the plan within the five-year cycle?	Section 7.4	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		Х		Х
		SUMMARY SCORE		Х		Х

# Incorporation into Existing Planning Mechanisms

• Multihazard Requirement §201.6(c)(4)(ii): [The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.

	Location in the			SCO	RE	
	Plan (section or		STAFF	ORD	F۱	lΑ
Element	annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?	Section 7.5	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		Х		Х
B. Does the plan include a process by which the local government will incorporate the requirements in other plans, when appropriate?	Section 7.5	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		X		X
		SUMMARY SCORE		Х		X

### **Continued Public Involvement**

• Multihazard Requirement §201.6(c)(4)(iii): [The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.

				SCO	RE	
	Location in the		STAFFORD		F۱	/IA
Element	Plan (section or annex and page #)	Reviewer's Comments	N	S	N	S
A. Does the plan explain how <b>continued public participation</b> will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Section 7.6	Note: A "Needs Improvement" score on this requirement will not preclude the FMA plan from passing.		X		х
		SUMMARY SCORE		Х		Х

# **Matrix A: Profiling Hazards**

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each natural hazard that can affect the jurisdiction. **Completing the matrix is not required**.

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Lo	cation	B. E	xtent		evious rences	D. Probability of Future Events		
	Yes	N	S	N	S	N	S	N	S	
Avalanche										
Coastal Erosion										
Coastal Storm										
Dam Failure										
Drought										
Earthquake										
Expansive Soils										
Extreme Heat										
Flood										
Hailstorm										
Hurricane										
Land Subsidence										
Landslide										
Severe Winter Storm										
Tornado										
Tsunami										
Volcano										
Wildfire		一百	一百				一		一百二	
Windstorm			Ħ							
Other		Π								
Other		Ħ	Ħ							
Other										



#### Legend:

§201.6(c)(2)(i) Profiling Hazards

- A. Does the risk assessment identify the location (i.e., geographic area affected) of each hazard addressed in the plan?
- B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?
- C. Does the plan provide information on previous occurrences of each natural hazard addressed in the plan?
- D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?

To check boxes, double

click on the box and change the default Value to "checked."

Jurisdiction: Lake County, Illinois Multi-jurisdictional

# Matrix B: Assessing Vulnerability

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each requirement. Completing the matrix is not required.

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Note: Receiving an N in the shaded columns will not preclude the plan from passing.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)		Sun Descr	Overall nmary iption of erability	lm	lazard pact	Structures	Num Exis Struct Hazar	oes and ber of sting ures in d Area mate)	Fut Struct Hazar (Esti	per of ure ures in d Area mate)	Potential Losses	A. Loss	Estimate		odology
	Yes	_	<u>N</u>	<u></u>	<u>N</u>	<u></u>	달	<u>N</u>	<u>s</u>	N	<u>s</u>	<u>ie</u>	<u>N</u>	<u>s</u>	<u>N</u>	S
Avalanche		iev					Ĕ					art .				
Coastal Erosion		erv										ğ				
Coastal Storm		Overview					Ş					g P				
Dam Failure							ntif					Ē.				
Drought		iit					Identifying					i ii				
Earthquake		ırak										Estimating				
Expansive Soils		Vulnerability:					≝									
Extreme Heat		٧					ap					≝				
Flood		Assessing					Vulnerability:					Vulnerability:				
Hailstorm		SSE					7					<u>ne</u>				
Hurricane		SS					ng					\ <u>\</u>				
Land Subsidence		) A					Assessing					ng				
Landslide		2)(ii					SSe					SSi				
Severe Winter Storm		c)(;										Assessing				
Tornado		§201.6(c)(2)(ii)					.6(c)(2)(ii)									
Tsunami		20					🔅					.6(c)(2)(ii)				
Volcano		S					9.					3				
Wildfire							\$201.					9.				
Windstorm							iò					§201.				
Other												ίδη				
Other																
Other																

§201.6(c)(2)(ii) Assessing Vulnerability: Overview

- A. Does the plan include an overall summary description of the jurisdiction's vulnerability to each hazard?
- B. Does the plan address the impact of each hazard on the jurisdiction?

§201.6(c)(2)(ii)(A) Assessing Vulnerability: Identifying Structures

A. Does the plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?

B. Does the plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?

§201.6(c)(2)(ii)(B) Assessing Vulnerability: Estimating Potential Losses

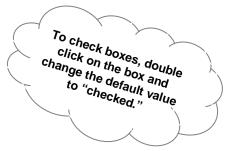
- A. Does the plan estimate potential dollar losses to vulnerable structures?
- B. Does the plan describe the methodology used to prepare the estimate?

## Matrix C: Identification and Analysis of Mitigation Actions

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure consideration of a range of actions for each hazard. **Completing the matrix is not required.** 

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each **applicable** hazard. An "N" for any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)	A. Comprehensive Range of Actions and Projects	
A a la a a la a	Yes	N S	
Avalanche			
Coastal Erosion			
Coastal Storm			
Dam Failure			
Drought			
Earthquake			
Expansive Soils			
Extreme Heat			
Flood			
Hailstorm			
Hurricane			
Land Subsidence			
Landslide			
Severe Winter Storm			
Tornado			
Tsunami			
Volcano			
Wildfire			
Windstorm			
Other			
Other			
Other			



#### Legend:

§201.6(c)(3)(ii) Identification and Analysis of Mitigation Actions

A. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?